

PART I - THE SCHEDULE

SECTION B - SUPPLIES/SERVICES AND PRICE/COSTS

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B.1 SCOPE OF CONTRACT

B.2 CONTRACT LINE ITEM DESCRIPTION LIST

B.1 SCOPE OF CONTRACT

The Contractor shall furnish, as required, the hardware, software, and support services in accordance with Section C, STATEMENT OF NEED, and in conformance with the terms and conditions of this contract. This is a firm-fixed price contract.

B.2 CONTRACT LINE ITEM DESCRIPTION LIST

<u>CLIN</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>TOTAL PRICE</u>
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(CLINs 0001, 0002, 0003, 0004, and 0005 inclusive are applicable to the Base Contract Period. The Base Contract Period commences on the date of contract award and concludes at the end of the fourth year from acceptance of the initially delivered system unless extended an additional year by exercise of optional CLIN 0005A. If CLIN 0005A is exercised, the Base Contract Period shall continue for a period of five (5) years from acceptance of the initially delivered system.

LOT I

0001	System Delivery and Installation	01	LT		
0002	High Performance Computing System(s) in accordance with Section C, Statement of Need, for a period of one year from date of Acceptance	12	MO		

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<u>CLIN</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>TOTAL PRICE</u>
<u>LOT I, OPTION I</u>					
0003	High Performance Computing System(s) in accordance with Section C, Statement of Need, for a period of one year from Expiration of CLIN 0002	12	MO		
<u>LOT I, OPTION II</u>					
0004	High Performance Computing System(s) in accordance with Section C, Statement of Need, for a period of one year from Expiration of CLIN 0003	12	MO		
<u>LOT I, OPTION III</u>					
0005	High Performance Computing System(s) in accordance with Section C, Statement of Need, for a period of one year from Expiration of CLIN 0004	12	MO		
<u>LOT I, OPTION IV</u>					
0005A	Option to extend the High Performance Computing System(s) in accordance with Section C.9.2, Statement of Need, for a period of one year from expiration of CLIN 0005. This option may be exercised if LOT II, Option Contract Period is not exercised.	12	MO		

(CLINs 0006 through 0009 inclusive apply to the Option Contract Period. The Government may exercise this option for the option contract period at any time prior to the expiration of OPTION III, CLIN 0005. [The Option Contract Period commences on the effective date cited in the modification exercising the option and concludes at the end of the fourth year from acceptance of all system\(s\) initially delivered under the option unless extended an additional year by exercise of optional CLIN 0009A. If CLIN 0009A is exercised, the Option Contract Period shall continue for a period of five \(5\) years from acceptance of the initially delivered system.](#)

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<u>CLIN</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>TOTAL PRICE</u>
<u>LOT II, OPTION I</u>					
0006	High Performance Computing System(s) in accordance with Section C, Statement of Need, for a period of one year from Expiration of CLIN 0005	12	MO		
<u>LOT II, OPTION II</u>					
0007	High Performance Computing System(s) in accordance with Section C, Statement of Need, for a period of one year from Expiration of CLIN 0006	12	MO		
<u>LOT II, OPTION III</u>					
0008	High Performance Computing System(s) in accordance with Section C, Statement of Need, for a period of one year from Expiration of CLIN 0007	12	MO		
<u>LOT II, OPTION IV</u>					
0009	High Performance Computing System(s) in accordance with Section C, Statement of Need, for a period of one year from Expiration of CLIN 0008	12	MO		
<u>LOT II, OPTION V</u>					
0009A	Option to extend the High Performance Computing System(s) in accordance with Section C.9.3, Statement of Need, for a period of one year from expiration of CLIN 0009.	12	MO		

LOTS III and IV are Indefinite Quantity CLINsLOT III

CLIN 0010 - Additional R&D HPCS Augmentation in accordance with Section C.9.4 of the Statement of Need. This option may be exercised at any time during the life of the contract (i.e., if this option is exercised during the Base Contract Period, it shall remain in effect for the entire Base Contract Period. This option may be exercised in whole or in part. Multiple delivery orders may be issued during the contract life. Should this option be exercised, the minimum amount of this option is \$100,000 and the maximum amount is \$200,000,000. Offerors are required to provide separate pricing for each individual workstream for each contract year.

<u>CLIN</u>	<u>DESCRIPTION</u>	<u>UNIT PRICE</u>
0010A	WS1 - Coupled Earth System Model	
0010B	WS2 - Coupled High Resolution Global Model	
0010C	WS3 - Very High Resolution Ocean Model	
0010D	WS4 - Environmental Modeling Test Bed	
0010E	WS5 – Climate Model Development and Calibration	
0010F	WS6 – Data Assimilation Development	
0010G	WS7 – Rapid Update Cycle	
0010H	WS8 – Weather Research and Forecast w/Atmospheric chemistry	
0010J	WS9 - Weather Research and Forecast w/static initialization	

In addition to the workstreams identified above, the Government may also acquire the following components and services during the term of the contract. Unless otherwise previously negotiated, the components and service provided under these indefinite quantity subCLINs are to be identical to the system configuration(s) installed and operational at the time delivery orders are issued. The following is a listing of the components and services. If multiple system configurations and architectures are installed and operational, separate pricing shall be provided for each of the following components and services. The actual items and quantities to be ordered will be determined by the Government. The Government may elect to acquire some, all or none of the components and services. Multiple quantities of an item may be ordered.

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For each Subsystem proposed:

<u>CLIN</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>UNIT PRICE</u>
0010K	Compute System(s)		
0010K1	Additional nodes		
0010K2	Additional processors		
0010K3	Additional memory		
0010K4	Additional disk or equivalent storage medium		
0010K5	Additional interconnect		
0010L	Storage System(s)		
0010L1	Additional disk		
0010L2	Additional tape		
0010L3	Additional tape drives		
0010L4	Additional library/robot		
0010L5	Additional SAN fabric		
0010L6	Additional SAN switches		
0010L7	Additional IO bandwidth		
0010M	Network		
0010M1	Additional LAN bandwidth		
0010N	Additional software licenses for the proposed software		
0010P	Additional workstations for		
0010P1	Interactive development		
0010P2	Visualization		
0010P3	Analysis & Diagnostics		
0010P4	Delivery of research results		
0010P5	System diagnostics and integration		
0010R	Network		
0010R1	Additional WAN bandwidth between installed sites		
0010S	Additional Maintenance on		
0010S1	Subsystem		
0010S2	Storage		
0010S3	Compute		
0010S4	Network		

LOT IV

CLIN 0011 – Optional engineering support services in accordance with Section C.9.5 of the Statement of Need. This option may be exercised at any time during the life of the contract. This option may be exercised in whole or in part. Multiple task orders may be issued during the contract life and task orders may be issued for a period of less than 12 months. Should this option be exercised, the minimum amount is \$5,000 and the maximum amount is \$5,000,000. Offerors are required to provide hourly rates by labor category for each contract year.

<u>CLIN</u>	<u>DESCRIPTION</u>	Hourly Rate
0011A	Applications Analyst	
0011B	Systems/Network/Security Engineer	
0011C	Facilities Engineer	
0011D	Visualization/Data Engineer	

NOTES TO OFFERORS:

NOTE A - The amounts set forth below represent the maximum amount of funds that could be made available (Note: The annual figures cited have been reduced by the 6% Reserve Fund pool. [The Reserve Funds are defined in Section C.1](#)). Offerors are required to submit cost/price proposals for the most optimal computing systems based upon the following funding profile:

Base Contract Period

FY 2006	-	\$ 2.82 million
FY 2007	-	\$21.43 million
FY 2008	-	\$21.43 million
FY 2009	-	\$21.43 million

Base Contract Total \$67.11 million

[One Year Option Period](#)

FY2010	-	\$10.72 million
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Option Contract Period

FY 2010	-	\$21.43 million
FY 2011	-	\$21.43 million
FY 2012	-	\$21.43 million
FY2013	-	\$21.43 million

Option Contract Total \$85.72 million

One Year Option Period

FY2014	-	\$10.72 million
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SECTION B

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NOTE B - Offerors shall include with their price proposal, the interest rate used in calculating lease costs of equipment.

NOTE C – Submit Pricing Tables for various acquisition methods (e.g., LTOP, LWOP, Lease, etc.) proposed. Offerors are required to complete the Pricing Tables for only those methods of acquisition that are being proposed. For example, if an offeror is only proposing a lease method, the offeror is required to complete only a lease Pricing Table.

NOTE D - Offerors shall propose separate pricing for each year.

NOTE E - The Government anticipates leasing the equipment during the systems life (both Base Contract Period and the Option Contract Period) with the exception of the Hierarchical Storage Management System which the Government will purchase during the Base Contract Period and the Option Contract Period, should the option be exercised.

NOTE F - Section L contains the clause INVITATION TO PROPOSE FINANCING TERMS (FAR 52.232-31)(OCT 1995). For evaluation purposes, assume the following:

(1) Evaluation of financing proposals will be based upon October 1, 2005, as the first invoice payment and will continue for forty-eight (48) months. If monthly prices are adjusted because of system upgrade(s), offerors need to specify the month the adjustment occurs and the amount.

(2) In accordance with Federal Acquisition Regulation 32.205(c)(4) the time value of proposal specified contract financing arrangements shall be calculated using an interest rate of **3.9%** as specified in Appendix C to Office of Management and Budget (OMB) Circular No. A-94, "Benefit-Cost Analysis of Federal Programs; Guidelines and Discounts."

NOTE G - In preparing the cost proposal, Offerors should use October 1, 2005 as the start of the systems life.

NOTE H - Furthermore, in addition to the items identified in Section B of this contract, the Government may, during the term of this contract, require goods and services not otherwise specifically identified, but within the scope of this contract. Should requirements arise, these additional goods and services will be negotiated under the Changes Clause of this contract.